

REQUEST FOR ACCESS OF ABANDONED APPLICATION UNDER 37 CFR 1.14(a)

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In re Application of

Schmeidler

Application Number

09/310 294

Filed

Group Art Unit

Examiner

Arani

Assistant Commissioner for Patents
Washington, DC 20231

Paper No. 20

I hereby request access under 37 CFR 1.14(a)(3)(iv) to the application file record of the above-identified ABANDONED application, which is: (CHECK ONE)

- ☒ (A) referred to in United States Patent Number 6374402, column _____,
- ____ (B) referred to in an application that is open to public inspection as set forth in 37 CFR 1.11, i.e., Application No. _____, filed _____, on page _____ of paper number _____,
- ____ (C) an application that claims the benefit of the filing date of an application that is open to public inspection, i.e., Application No. _____, filed _____, or
- ____ (D) an application in which the applicant has filed an authorization to lay open the complete application to the public.

Please direct any correspondence concerning this request to the following address:

Barbara J. Hendley
Signature

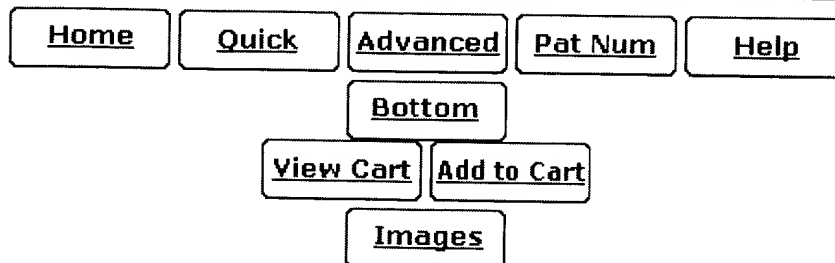
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Unit: _____

USPTO PATENT FULL-TEXT AND IMAGE DATABASE

(1 of 1)

United States Patent**6,374,402****Schmeidler , et al.****April 16, 2002****Method and apparatus for installation abstraction in a secure content delivery system****Abstract**

A system for secure delivery of on-demand content over broadband access networks includes a client application executing on a user's local computer system. The client application interacts with a content server on which a plurality of selectable titles are stored and further interacts with an access server which provides the network address of a title and keying data necessary for to the client process access and execute the title. The client process utilizes an installation abstraction which enables a title to be executed on the local computer system without ever being installed. The abstraction is achieved by mounting a network file system and storing a set of registry entries related to the title on the local computer system. Portions of the title are retrieved from the content server and executed by the local operating system. During title execution, requests from the local operating system are intercepted and redirected to the set of registry entries, as applicable. The times at which the client process may retrieve the title data from the content server are defined by the access server through use of an activator and token.

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Assignee: **Into Networks, Inc.** (Cambridge, MA)

Appl. No.: **311923**

Filed: **May 12, 1999**

Current U.S. Class:

**717/167; 345/749; 705/51; 707/10; 709/203; 709/229;
713/172; 713/200; 725/91; 725/103**

Intern'l Class:

G06F 009/445; G06F 012/00

Field of Search:

**717/11 707/203,10,9 709/202,217,219-221,203,213,229
705/51-59,80 380/251,255 713/172,191,200-202
725/25,30,86,87,91,101,103,104 345/749,741**

References Cited [Referenced By]**U.S. Patent Documents**

RELATED APPLICATIONS

This application claims priority to U.S. provisional patent application Serial No. 60/108,602 entitled, METHOD AND APPARATUS FOR SECURE CONTENT DELIVERY OVER BROADBAND ACCESS NETWORKS, filed Nov. 16, 1998 by Yonah Schmeidler, et al.

In addition, this application is the one of three U.S. patent applications filed on an even date herewith by Yonah Schmeidler, et al., including:

Serial No. 09/310,294, by Yonah Schmeidler, et al. entitled "METHOD AND APPARATUS FOR SECURE CONTENT DELIVERY OVER BROADBAND ACCESS NETWORKS"; and

Serial No. 310,229, by Yonah Schmeidler, et al., entitled "METHOD AND APPARATUS FOR CONTENT PROTECTION IN A SECURE CONTENT DELIVERY SYSTEM".

The subject matters of the above-identified copending patent applications are incorporated herein by this reference.

Claims

What is claimed is:

1. A method for executing an application on a local computer system without the application being installed on the local computer system, the method comprising:
 - (a) accessing at a remote server information representative of a file system and set of registry entries related to the application;
 - (b) employing the file system information to mount a local file system;
 - (c) storing the set of registry entries on the local computer system;
 - (d) retrieving at least a portion of the application from a remote source; by using the file system and the set of registry entries;
 - (e) employing the local file system to execute the retrieved portion of the application on the local computer system;
 - (f) processing requests from the portion of the application; and employing step (e) for retrieving, and
 - (g) redirecting selected ones of the requests to the set of registry entries stored on the local computer system for retrieving a different portion of the application and for executing te different portion of the application to incrementally execute the application, whereby portions of the application are retrieved and executed upon demand.
2. The method of claim 1 further comprising:
 - (h) unmounting the local file system upon termination of the application execution.